

FORM	FORM PTO-1449			Docket Number: Serial Number:					
					4015-2406 09/196127				
		RMATION DISC			Applicant:				
		APPLICATION	PURS	JANT TO	Raith				
37	7 CF	R §1.97 & 1.98			•	Grou	p:		
					November 20, 1998	2444			
			<u>U.</u>	S. PATENT DO	OCUMENTS -				
Examine	r							Filing	Date
Initial		Patent No.	Date	Name		Class	Subcl	If Ap	prop.
			<u> </u>				L		
								i	
	<u>. İ</u>					ī			
	İ	1				Ī	1		
	i					i			
-	i		i			† 	<u> </u>		
	i					1		 	
	i	1	l			1		l 	-
	 	1				 	i	! 	
	 		 			 		l	——
	<u> </u>								
			EOD	EIGN PATENT	DOCUMENTS				
			101	LIGNEATENT	DOCUMENTS			Trane	lation
	1	Patent No.	Date	Name		Class	Subcl		
	İΑ		1998			l Olass	Cubci	103	<u> 140</u>
	+/\	1	1	1		 			<u> </u>
•		l	l	- 		+	ļ		
	+	<u> </u>	1	- 		 			<u> </u>
	-l							<u></u>	L
				OTHER ROOM	INTENTO /				
				OTHER DOCL	JMENTS (including aut	nor, title,	date, pa	ages,	etc.)
				······································					
	ļ	<u> </u>					•		
	 								
	[ļ							
	<u> </u>				·· · · · · · · · · · · · · · · · · · ·				
		1							
		·							
EXAMINE	≣R			D	ATE CONSIDERED				
				j	•				
				i					
					onformance with MPEP § 609.		through	citatio	n not
in conform	ance	<u>and πot considered. In</u>	clude copy	of this form with nex	t communication to the applica	nt			

25.5

Sheet 1 of 1

	FORM PTO-1449 INFORMATION DISCLOSURE CITATION				Docket Number: Serial Number: 4015-2406 09/196,127				
IN	AN	APPLICATION	I PURSI	Applicant: RAITH					
37	′ CF	FR §1.97 & 1.98		Filing Date: November 20, 1	Grou 998 2665	•			
Examiner			<u>U.</u>	S. PATENT D	OCUMENTS				
Initial	1	I Dotont No	10-4-	t au					g Date
miliai	╁	Patent No.	Date	Name		Class	Subcl	If A	pprop
	\vdash	<u> </u>	<u> </u>	<u> </u>	-		<u> </u>	<u> </u>	
	╁		 				 	 	
	<u> </u>	 	 				 	 	
			1				 	 	
	1						- 	┼	
	Ī						 -	 	
	Ì		1				 	 	
	Ī					 	 	<u> </u>	
			Ì					 	
		Patent No. CN 1186575 equivalent to	FORI Date 1998	Name	DOCUMENTS	Class	Subcl		lation No
	<u> </u>	WO 9633555	1996	Qualcomm li			<u> </u>	<u> </u>	!
	<u> </u>						<u> </u>		
	1	ı		OTHER DOC	UMENTS (including	g author, title,	date, pa	ages,	etc.)
						··· <u>-</u>			
EXAMINE	₹			D	ATE CONSIDERED				
				i					
EXAMINER: in conformat	Initi	al if citation considere and not considered. In	d, whether clude copy	or not citation is in co	onformance with MPEP §	609. Draw line	through (citation	not

INFC	RMATION	DISCLO	SURF	ATTORNEY'S DKT I 027575-194	Vo.	APPLICATION 09/196,127		<u> </u>
	CITAT	•	COME	APPLICANT Alex Krister RAIT	'H			
	PTO-1	440		FILING DATE November 20, 19	198	GROUP 2744		
	110-1	Ü	S PATENT D	OCUMENTS:			* 15 16	٠,
EXAMINER'S	DATENT NO						FILING	DATE
INITIALS	5,519,886	05/1996	Gilbert et al.	NAME	CLASS	SUBCLASS		
			<u> </u>					
							<u> </u>	
							<u> </u>	
								•
				<u></u>				
				DOCUMENTS				
EXAMINER'S		FOR	EIGN:PAILENT	DOCUMENTS			Trans	ation
INITIALS	PATENT NO.	DATE	T	DUNTRY	CLASS	SUBCLASS	Yes	No
	0800282A	10/1997	Europe		ļ			
	WO96/33555	10/1996	PCT					
	09326749	12/1997	Japan				Abstr	act
	OTHER DOC	UMENTS (Inc	cluding Author	, Title, Date, Pert	inent Pag	es: Etc:)		
				I Application No.				17,
							 .	
								
						·	-	
					 			
EXAMINER				ATE CONSIDERE	<u> </u>		<u> </u>	

SHEET 1 OF 1

INFORMATION DISCLOSURE **CITATION**

027575-194

APPLICATION NO. 09/196,127

APPLICANT

Alex Krister RAITH

FILING DATE

GROUP

2744 November 20, 1998 PTO-1449 U.S. PATENT DOCUMENTS **EXAMINER'S** FILING DATE INITIALS PATENT NO. DATE NAME CLASS **SUBCLASS BILLSTROM ET AL.** 370 349 5,590,133 12/31/96 12/09/94 RAITH ET AL. 370 329 5,768,267 06/16/98 10/18/95 FOREIGN PATENT DOCUMENTS Translation **EXAMINER'S** INITIALS PATENT NO. DATE **COUNTRY** CLASS **SUBCLASS** Yes No 0 800 282 10/08/97 **EPO** Х Х 9-326749 **JAPAN** 12/16/97 OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) **EXAMINER** DATE CONSIDERED

SHEET 1 OF 1

ATTORNEY'S DKT NO APPLICATION NO. 027575-194 09/196.127

INEC	RMATION	DISCLO	SURF	027575-194 09/196,127				
1147	CITAT		JOIL	APPLICANT Alex Krister RAITH				
	PTO-1	449		FILING DATE November 20, 1		GROUP 2744		
4 3		Ů	S. PATENT D	OCUMENTS = 1				
EXAMINER'S INITIALS	PATENT NO.	DATE		NAME	CLASS	SUBCLASS	FILING DATE	
	5,519,886	05/1996	Gilbert et al.		ļ	,		
		<u> </u>			- 1		 -	
				···				
		FOR	REIGNEPATENT	DOCUMENTS				
EXAMINER'S INITIALS	PATENT NO.	DATE		OUNTRY	CLASS	SUBCLASS	Translation Yes No	
WITTIALS	0800282A	10/1997	Europe					
	WO96/33555	10/1996	PCT					
	09326749	12/1997	Japan				Abstract	
	OTHER DOC	UMENTS (in	 cluding:Autho	r, Title, Date, Per	tinent Pag	 es, Etc:)		
	PCT Search Re	port based o	on Internationa	al Application No.	US 99/26	6017, mailed	March 17,	
		· · · · · · · · · · · · · · · · · · ·						
EXAMINER				DATE CONSIDERI	ED			
-VAIAIIIACI.								

	Application/Control No. 09/196,127	Applicant(s)/P Reexamination RAITH, ALEX	atent Under
Notice of References Cited	Examiner	Art Unit	
	Duc C Ho	2665	Page 1 of 1

100

U.S. PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
	A	US-6,151,507	11-2000	Laiho et al.	455/466
1	В	US-6,128,505	10-2000	Sipila , Tuomo	455/465
	c	US-5,930,233	07-1999	Kanerva et al.	370/231
	D	US-5,574,977	11-1996	Joseph et al.	£ ⁴ 55/58.1
7	Ε	US-6,266,685	07-2001	Danielson et al.	708/141
V	F	US-4,843,351	06-1989	Edwards et al.	332/17
	G	US-6,337,855	01-2002	Malkamaki, Esa	370/347
	Н	US-5,875,187	02-1999	Amin et al.	370/337
	l	US-5,483,676	01-1996	Mahany et al.	455/67.4
	J	US-5,848,062	12-1998	Ohno, Katsumaru	370/311
	K	US-			·
	L	US-			
	М	US-			

FOREIGN PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	Classification
	N					
	0					
	Р					
	Q					
	R					
	s					
	Т					

NON-PATENT DOCUMENTS

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
	U	
	v	
	w	
	х	

*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).) Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.

os,

Notice of References Cited	Application/Control No. 09/196,127	Applicant(s)/Pate Reexamination RAITH, ALEX KR	
Notice of References Cited	Examiner	Art Unit	
	Duc C Ho	2665	Page 1 of 1

U.S. PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
	Α	US-6,094,570	04-2000	Fukunaga et al.	375/240
	В	US-			
	С	US-		-	
	D	US-			
	Е	US-			
	F	US-			
	G	US-			
	Н	US-			
	1	US-			
	J	US-			
	К	US-			
	L	US-			
	М	US-			

FOREIGN PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	Classification
	N					
	0					
	Р					
	a					
	R					
	s	,				
	Τ					

NON-PATENT DOCUMENTS

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
	U	
	٧	
	w	
	x	

*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).) Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.